* Work Order ID 92895

November-12-12 8:57:15 AM

92895

Page 1

Item ID: Revision ID: Item Name:	646.3315 Blade			Accept	*	N900040	100)* s	etup Stai	171	S1* S2*
Start Date: Required Date		Start Qty: 10.00 Req'd Qty: 10.00	*10* *10*			Cust Item ID: Customer:					
Reference:			1()			customer.					
Approvals:	Process Plan	: MLJ	Date: 12-1/5	·		Date: Date:		R	un Stai Sto	171	R1*
Sequence ID/ Work Center I		Operation Description		Set Up/ Run Hou	rs	Tool ID Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revis	ion Nbr				*,					
646.3300	N/C		·	_							
*100 *100* Bandsaw Jeaspa Bandsaw	J	BAND SAW Memo Cut Blank at	2.600"	0.00	B.A	12/12/01		10	#		08 9-8
*110 *11 0 *	1	HAAS CNC VERTICAL	MACHINING #1	0.00	~. <i>0</i>	/ /					OAS 14 2-83
HAAS 1 HAAS CNC vertice	al machine #1	Memo 1-Machine p DWG REV:_ FOLIO REV:	er folio FB147 NIC AA	0.00	<i>حابج</i>	Whalou		(. .(.)	. 55		

²⁻ deburr and break all sharp edges except otherwise noted

											DQA:	Date	·
NCR:	⁄es	/ No				WORK ORDER NON-	100	NFORI	MANCE / UPDATE		•		•
											QA Closed:	Date	·
Work Ord	er:					DISPOSITION			AGAINS	T DEP	ARTMENT	/PROCESS	
Part f						Rework Scrap Use-as-is		1	Skid-tube Crosstube Machining Small Fal	b		Water Jet d. Eng. Coor. e/Packaging	Engineering Quality Other
NCR I	No.				· · · · · · · · · · · · · · · · · · ·	Work Order Update]		Large Fab Composite	~ 		Supplier	
Root					Descr	iption of work order update	Т	Initial	Action		Sign &		
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Description		Date	Verification	QC Inspector
oc/Data													
quip/Tooling		,	ĺ										
perator													
Material													
etup													
ther													
rocess				:									
upplier											•		
raining													
Inapproved													
							AUL	T CATE	GORY				
Landi	ng (1			_	General	_						_
		Bending			<u></u>	Bend		Grain			Ovalized		Pressure/Forced
₽.		Centre No	t Concer	ntric to (O/S	BOM/Route		Hardwa	re	Ш	Over/Under	tolerance	Temperature/Cure
		Cracks				Broken/Damaged	<u> </u>	Inspecti	on Incomplete		Part Incorred	ct	Weld
		Crushed/0	Crimped,			Burrs		Instruct	ions Incomplete/Unclear	Ш	Part Lost/Mi	ssing	Wrong Stock Pulled
		Cuffs				Contamination	L	Mainte	nance		Part Moved		
		Heat Trea				Countersink	L	Mislabe	led		Positioned V	Vrong	_
		Inspection	Strip in	Tube		Cut Too Short	L	Misread	i		Power Loss/	Surge	Other
		Ripples in	Bend			Drill Holes		Offset					
		Torque W	aves in E	xtrusion	n [Drawing		Out of (Calibration	-			
		Turning Se	equence			Finish		Out of S	Sequence	-			

Outside Dimensions

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Wave/Twist in Tube

Folio

Page 2

November-12-12 8:57:15 AM Item ID: 646.3315 Accept *N900040100* Setup Start **Revision ID:** Item Name: Blade *10* Start Date: 12/11/2012 **Start Oty: 10.00 Cust Item ID: Required Date:** 03/12/2012 Rea'd Otv: 10.00 **Customer:** Reference: Run Approvals: Process Plan: Date: Tooling: Date: Stop OC: Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool # Plan Tool ID Accept Reject Reject Insp. Work Center ID Description Run Hours Code Otv Oty Number Stamp 120 OC2- Inspect parts off machine FAI/FAIB 0.00 or 12/12/04 *120* 10 0 Memo 0.00 Quality Control 130 QC8- Inspect parts - second check 0.00 Da 12/12/06 *130* OC Memo 0.00 Quality Control 140 Outsource process - Heat Treat 0.00 *140* CX/2/12/07 Outsource1 0.00 Memo Outsource process - Heat Treat HEAT TREAT AS PER DWG, SEE NOTE #3

ISSUE P/O: 18602

									DQA:	Date:	
NCR: Y	'es / No				WORK ORDER NON-C	ONFOR	MANCE / UP	DATE			4
									QA Closed:	Date:	
Work Orde	or:				DISPOSITION			AGAINST DE	PARTMENT	/PROCESS	
	lo				Rework Scrap Use-as-is Work Order Update	Thern	Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite	4	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root				Descri	ption of work order update	Initial	Ac	tion	Sign &		
Cause	Date	Step	Qty	(or Non-conformance	Chief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data		<u> </u>							į		
Equip/Tooling		ĺ									
Operator											
Material											
Setup											
Other											
Process											
Supplier		1									
Training											
Unapproved											
			·		F	AULT CATE	GORY				
Landir	ng Gear				General				_		
	Bending				Bend	Grain			Ovalized		Pressure/Forced
	Centre No	ot Concer	ntric to (O/S	BOM/Route	Hardwa	ire		Over/Under	tolerance	Temperature/Cure
	Cracks				Broken/Damaged	Inspect	ion Incomplete		Part Incorre	ct	Weld
	Crushed/	Crimped.			Burrs	Instruct	ions Incomplete/	'Unclear	Part Lost/Mi	issing	Wrong Stock Pulled
	Cuffs				Contamination	Mainte	enance		Part Moved	_	
Ī	Heat Trea	ıt			Countersink	Mislabe	eled		Positioned V	Vrong	
	Inspection	n Strip in	Tube		Cut Too Short	Misread	d		Power Loss/	Surge	Other
	Ripples in	Bend			Drill Holes	Offset			-		-

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

Folio

Spray Painting

November-12-12 8:57:15 AM Item ID: 646.3315 Accept *N900040100* Setup Start **Revision ID:** Item Name: Blade **Start Date: Start Qty: 10.00** *10* 12/11/2012 **Cust Item ID: Required Date:** 03/12/2012 Req'd Qty: 10.00 *10* **Customer:** Reference: Run **Process Plan:** Approvals: Date: Tooling: Date: QC: Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Reject Reject Accept Work Center ID Description **Run Hours** Code Qty Oty Number Stamp 150 Receive & Inspect for Damage & Mat'l Certs 0.00 *150* Packaging 0.00 Memo Packaging 155 QC5- Inspect part completeness to step on W/O 0.00 *155* QC 0.00 Memo Quality Control 160 Spray Painting per QSI005 4.2 0.00 10 Ø Ø Al *160* SprayPaint 0.00 Memo

PRIME AS PER DWG, SEE NOTE #4 PRIMER BATCH: 123693

			D	QA:	Date:	
NCR:	Yes / No	WORK ORDER NON-CONFORMANCE / UPDATE		- 1111		•
					- .	

	QA Closed: Date.												
Work Orde	er:				DISPOSITION	AGAINST DEPARTMENT/PROCESS							
					Rework			Skid-tube	Crosstube		Water Jet	Engineering	
Part N	No				Scrap			Machining	Small Fab		d. Eng. Coor.	Quality	
					Use-as-is	T		oforming	Finishing	Rec/Stor	e/Packaging	Other	
NCR N	10	·			Work Order Update	J		Large Fab	Composite		Supplier	J ∐	
Root				Descri	ption of work order update	Init	ial	Acti	ion	Sign &			
Cause	Date	Step	Qty	(or Non-conformance	Chief	Eng	Descr	ription	Date	Verification	QC Inspector	
Doc/Data													
Equip/Tooling													
Operator													
Material													
Setup													
Other													
Process													
Supplier													
Training													
Unapproved						ļ							
 					F/	AULT (CATEG	ORY					
Landi	ng Gear			,	General				<u> </u>	•	_	_	
	Bending				Bend	∭Gr	rain			Ovalized		Pressure/Forced	
	Centre N	ot Concer	ntric to (D/S	BOM/Route	Ha	ardwar	·e		Over/Under	tolerance	Temperature/Cure	
	Cracks				Broken/Damaged	Ins	spectio	on Incomplete		Part Incorred	t _	Weld	
	Crushed/	Crimped.		L	Burrs	Ins	structi	ons Incomplete/L	Jnclear	Part Lost/Mi	ssing	Wrong Stock Pulled	
	Cuffs			L	Contamination	Шм	lainte	nance		Part Moved			
ĺ	Heat Trea	at			Countersink	Шмі	islabel	ed		Positioned V	Vrong _	: 	
	Inspectio	n Strip in	Tube		Cut Too Short	Шм	isread			Power Loss/	Surge	Other	
	Ripples in	n Bend			Drill Holes	Of	ffset						
	Torque V	Vaves in E	xtrusion	י 🗌	Drawing	Or	ut of C	alibration					
	Turning Sequence				Finish	Or	ut of Se	equence					
	Wave/Tv	vist in Tub	e		Folio	Tou	utside	Dimensions					

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November-12-12 8:57:15 AM

Quality Control

Page 4

Item ID: 646.3315 Accept *N900040100* Setup Start *NIC1* Revision ID: Item Name: Blade 12/11/2012 Start Oty: 10.00 Start Date: *10* Cust Item ID: **Required Date:** 03/12/2012 Rea'd Otv: 10.00 *10* **Customer:** Reference: Run Approvals: Process Plan: Date: Tooling: Date: OC: Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Reject Accept Reject Insp. Work Center ID Description **Run Hours** Qty Otv Code Number Stamp 170 OC14- Inspect Spray Paint 0.00 *170* 0.00 Memo **Ouality Control** Identify as per dwg & Stock Location: 57 13919 0.00 180 *120* Packaging 0.00 Memo Packaging ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV*** 190 QC21- Final Inspection - Work Order Release 0.00 *190* 0.00 Memo

113-01-14

			DQA:	Date:	
NCR:	Yes / No	WORK ORDER NON-CONFORMANCE / UPDATE			*

									QA Closed:	Date:	:
Work Orde	r:				DISPOSITION			AGAINST DE	PARTMENT	/PROCESS	_
Part N	lo				Rework Scrap Use-as-is	The	Skid-tube Machining ermoforming	Crosstube Small Fab Finishing	-	Water Jet d. Eng. Coor. re/Packaging	Engineering Quality Other
NCR N	lo				Work Order Update] ''``	Large Fab	Composite]	Supplier	
Root				Descri	ption of work order update	Initia	А	ction	Sign &		
Cause	Date	Step	Qty	(or Non-conformance	Chief E	ng Des	cription	Date	Verification	QC Inspector
Doc/Data											
Equip/Tooling											• .
Operator											
Material											
Setup	_										
Other 🗷 🖰	_										
Process	_										
Supplier	_										
Training	_										
Unapproved		<u> </u>			•	1					
						AULT CA	TEGORY				
Landin F	ng Gear			Γ	General				J		
ļ	Bending				Bend	Grai		_	Ovalized		Pressure/Forced
ļ	Centre No	ot Concei	ntric to (^{J/S}	BOM/Route		ware	<u> </u>	Over/Under	 	Temperature/Cure
	Cracks	·		<u> </u>	Broken/Damaged	\vdash	ection Incomplete	- // / /	Part Incorre	 	Weld
-	Crushed/	Crimpea.		-	Burrs	\vdash	uctions Incomplete	e/Unclear	Part Lost/M	issing [_	Wrong Stock Pulled
}	Cuffs Heat Trea	•		<u> </u>	Contamination Countersink	—	ntenance abeled	-	Part Moved Positioned \	Mrana	
-			Tubo	\vdash	Cut Too Short	Misr			Power Loss/		Other
-	Inspectio Ripples in	•	Tube	<u> </u>	Drill Holes	Offse		L.	Trower ross/	20186	Tottlet
-	Torque W		vtrucion	,	Drawing		of Calibration				
}	Turning S		.ALI USIUI	' <u> </u>	Finish	⊢	of Sequence				
<u> </u>			oe	-	Folio		ide Dimensions				. .
	Wave/Twist in Tube				· · · · · ·	1					

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Picklist Print

November-12-12 8:57:19 AM

Work Order ID: 92895

646.3315

92895

646 3315

Parent Item Name: Blade

Start Date: 12/11/2012

Required Date: 03/12/2012

Start Qty: 10.00

Required Otv: 10.00

Comments:

Parent Item:

IPP REV:A NEW ISSUE 12/11/07 JFS VERIFY BY: ILM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MSTEEL-A2- B0.500X1.250		Purchased	No			100	f	20.8716	0.217	2.284211			

MSTFFI -A2-B0 500X1 250

AISI A2 TOOL STEEL BAR, 0.500 X 1.250

b. = 12/12/01 08

Location Loc Code Loc Qty MAT 20.8715789 123250 20.8715789

-123763

				٠			•						DQA:		Date:	, ,
NCR:	Yes	/ No					WORK ORDER NON-	CO	NFORI	MANCE / UP	DATE	QA	. Closed:		–	•
Work Ord	er:						DISPOSITION				AGAINST (DEPAR	RTMENT	/PROCES	s	
Part I	No.						Rework Scrap Use-as-is Work Order Update		4	Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite			Water d. Eng. Co re/Packag Supp	oor.	Engineering Quality Other
Root					Des	crip	tion of work order update	Τ	Initial	Ac	tion	S	ign &			
Cause		Date	Step	Qty		0	r Non-conformance	Cr	nief Eng	Desc	ription		Date	Verific	ation	QC Inspector
oc/Data quip/Tooling Operator Material Setup Other Process Supplier Fraining Unapproved																
							F	AUI	LT CATE	GORY						
Landi		1			1		General		-		· F					,
		Bending Centre No Cracks Crushed/C Cuffs Heat Trea Inspectior Ripples in	Crimped. t n Strip in		O/s		Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes		4	on Incomplete ions Incomplete/ enance eled	'Unclear	Ove Par Par Par Pos	alized er/Under et Incorrec et Lost/Mi et Moved sitioned V wer Loss/	ssing		Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
		Torque W Turning Se Wave/Twi	equence		n		Drawing Finish Folio		Out of 9	Calibration Sequence Dimensions						

DART AEROSPACE LTD	Work Order:	92895
Description: BLADE	Part Number:	646.3315
Inspection Dwg:/64/6,3360 Rev: N/C		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
.94	±,010	.434			Very	971-06
-290	±.002	290			,,	
.256	±, 662	.257			/1	
, 250	±-002	.250			K	
1.192	±.002	1.192			7 (
1.817	±,005	1.817			<i>,</i> ,	
2.46	±. b1b	2.455			, .	
55.6°	± 1/2°	55.6°	_		C-Sun	x MI-CBR MI-OL
B.177	±.005	Ø.177			Vein	911-06
.375	±,005	.373			14	
.325 x 30.0°	±,005 x = 1/2"	.325×36			?.1	
						,
		·				

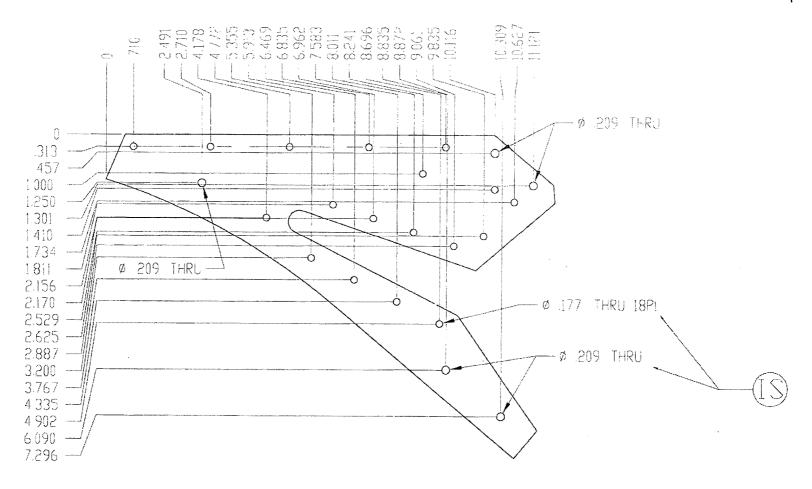
			-2AC		,
Measured by:	onl	Audited by:	p. 08	Preliminary Approval:	
Date:	12/12/104	Date:	12/12/06	Date:	
L					

Re	v Date	Change	Revised by	Approved
E		Added preliminary approval	KJ	

. ` x											
			ENG	JINE	ERING CHANGE NOTICL NO. 021	96	SHEET 1	<u>OF</u> 2			
1 A	F	PICAL	DW	G N	D. 646,3300 REVIN/C BY S. HUF	F DATE: 01/05		CT ON DWG C. XI UNINC.			
INDU	US	STRIES, INC.	L		ITLE: UPPER CUTTER AS	SY					
			APPRO	VED B	YI ENGR STAND MFG & Bout Butte QC	SCST	EFF: NEXT	ORDER			
A-A	RANSACTION CODES (TC): REASON: REMOVED RIVETS IN FAVOR OF ADDITIONAL SCREWS										
SI	HE	ET 1, VIEW 6	46.33	301,	18°C (1)	4PL (2) 2PL (3)	SHOP CORTUPN RETURN ENGING A SUBJECT TO THE WITHOUT WORK O NO9.28	CO REG Openio S Brank Ch Rise B			
 		601.2765		18	SCREW	MS27039-0819					
	-+-	601.1541		18	LOCKNUT	MS21042L08					
9 [+	601.2766		3	RIVET	MS20470AD5-18					
8 R	1	601.2764		36	WASHER	NAS1149FN832P		***************************************			
	_			.3301							
		PART NUMBER	QT	Υ	DESCRIPTION	MATERIAL/SPECI					
DOCU	ME	NTS EFFECTED		1DL	☑ INSTALL INSTRUC ☑ ICA ☐ FMS ☒ B☐M ☐ MAJO	CATEGORY DER REY R MINOR O YE	VIEW REQUIR ES 🔯 NO	ED			

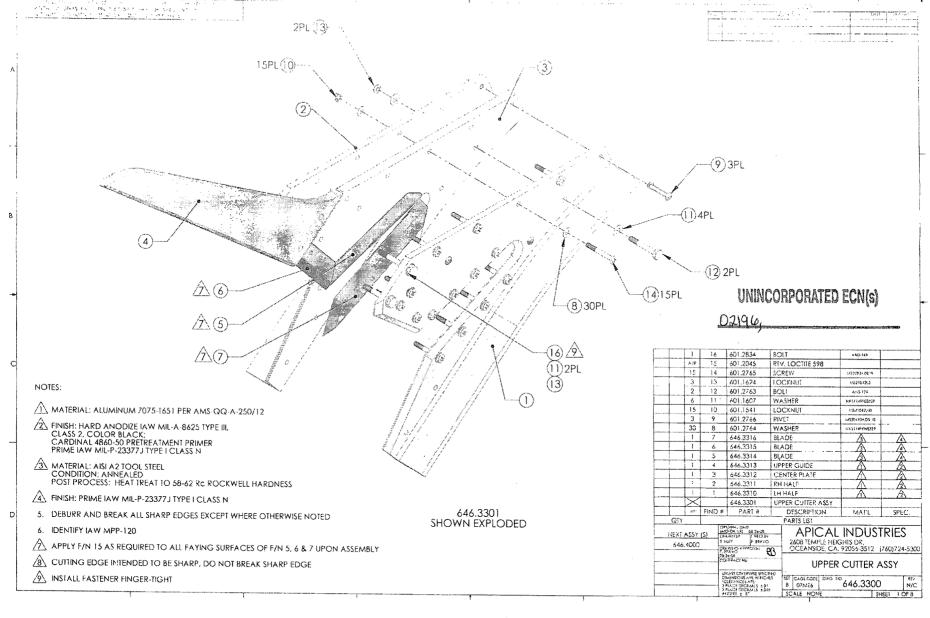
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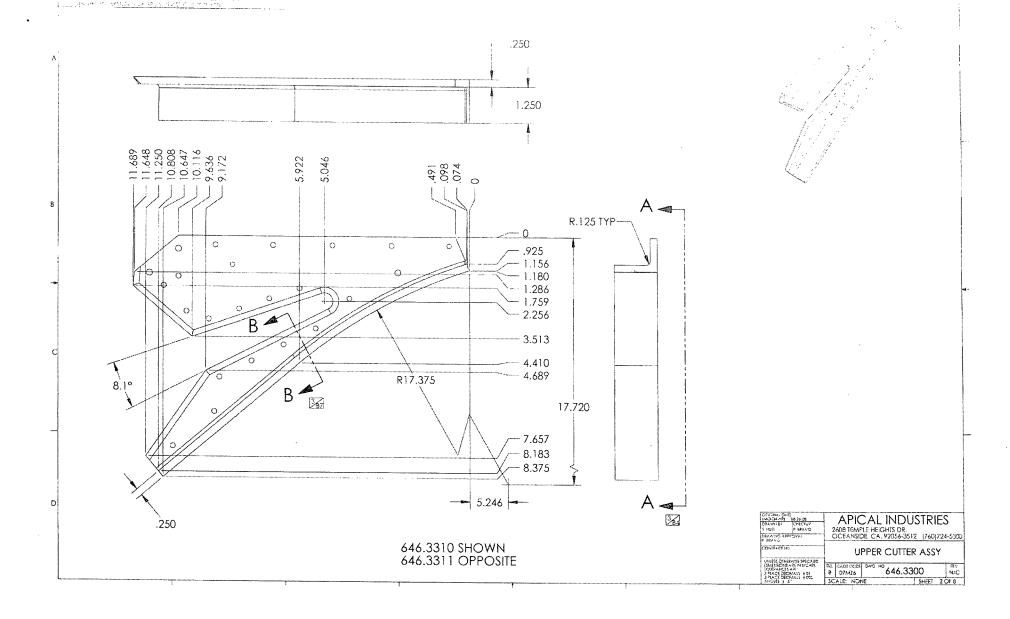
SHEET 3, SECTION VIEW A-A, IS:

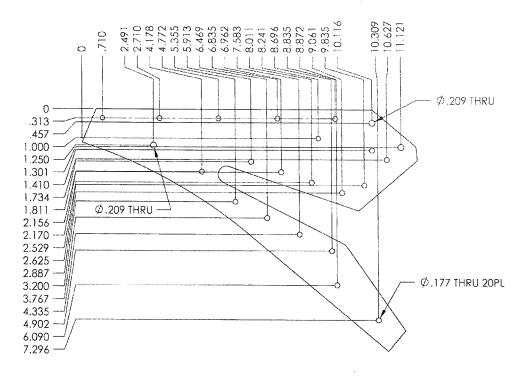


SECTION A-A 36

F/N TC PART NUMBER QTY DESCRIPTION MATERIAL/SPECIFICATION





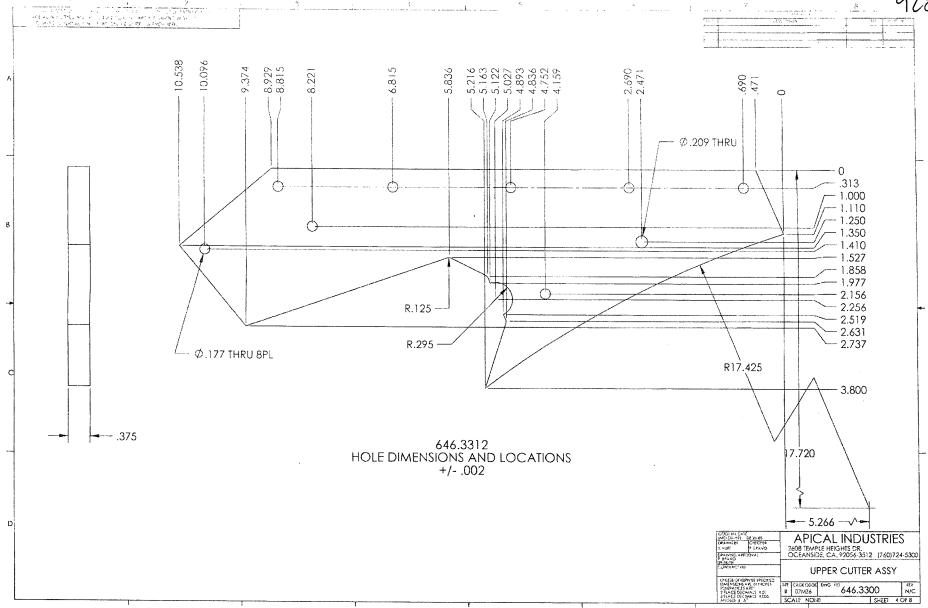


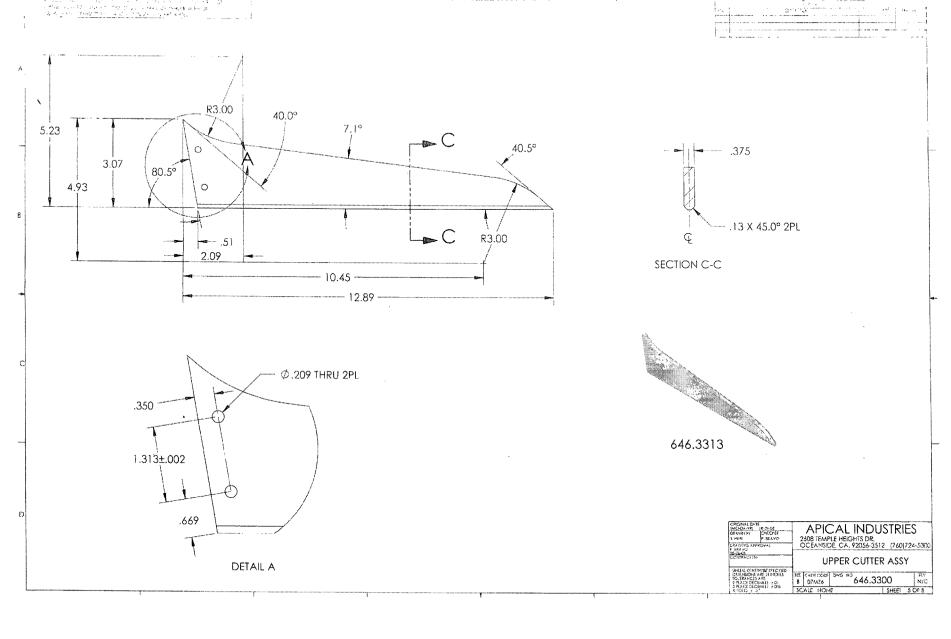
.200 X 45.0° TYP (.250)

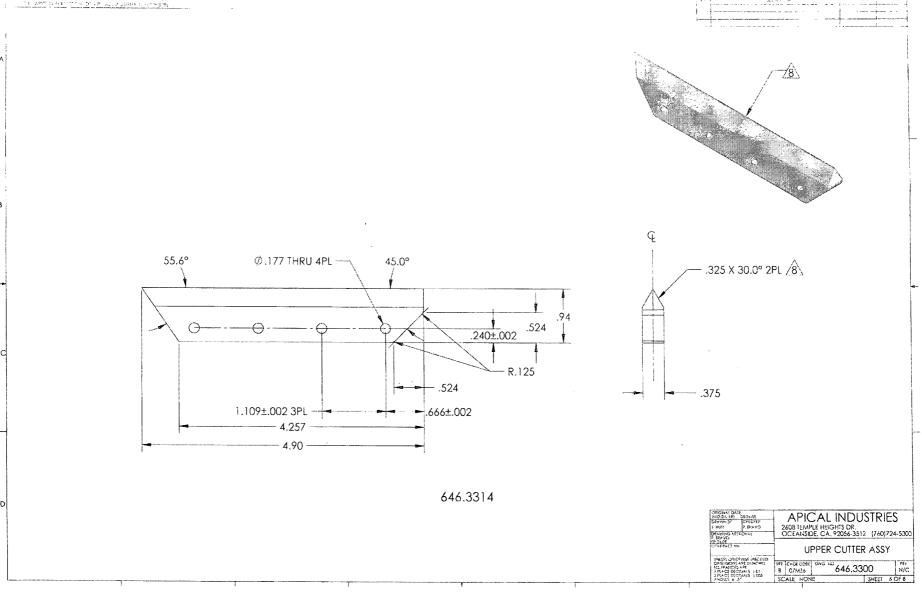
SECTION B-B

SECTION A-A 3

CACCHALDATE (ACCORTAL DATE (BACCORTAL DATE (BA	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR.					
DHAMPIC APPROVAL	OCEANSIDE, CA. 92055-3512 [760]724-5300					
COMPACT NO	UPPER CUTTER ASSY					
COVERSONS ARE IN INCHES	B DYMYA 646.3300 REV					

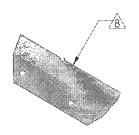


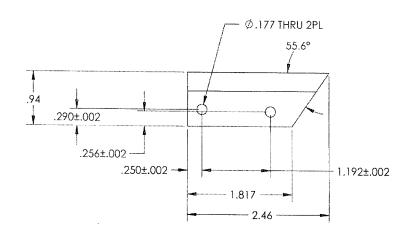


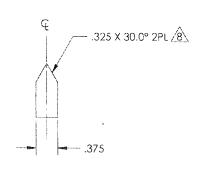


92895

1001	 L! •	The A Talletter
j	 	
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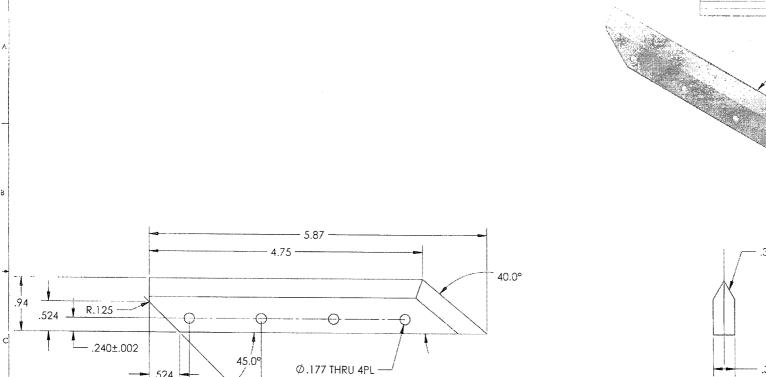






646.3315

ORBANIA DAYE MODALYO OBCALO ORAMIBE CHROKEP S MED P SRAYO CHANGE CAMPONAL	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE. CA. 72056-3512 (760)724-5300 UPPER CUTTER ASSY			
09 26 08 COMPACT I'S				
CHURS CHREWITE SPECIFED DISCUSSIONS APE OF NICHES FOURPINCES APE: 2 PLACE OF COMMENT + 01	64 07M26 64	6.3300 N/O		



1.250±.002 3PL

.694±.002

.325 X 30.0° 2PL/8\.

646.3316

CFGF(A: DATE DAG DATE) 18:25:08 DRANGED ICHECTER	APICAL INDUSTRIES					
S. MUR! P RRAVO	2608 TEMPLE HEIGHTS OR.					
CRAVASC APPROVAL	OCEANSIDE, CA. 92056-3512 17601724-5300					
F BRAND C5-22-28	<u> </u>					
COMPACT III	UPPER CUTTER ASSY					
DATENSONS ARE DESCRIBED						
PRACE DECIMALS 10: 3 PLACE DECIMALS 10:	B 07/476 646.3300 REV N/C					

METCOR INC. 560 BOUL. ARTHUR-SAUVÉ ST-EUSTACHE, QC, J7R 5A8

Tel: 450-473-1884 / Fax: 450-491-5498

Certificat de Conformité Détaillé

Detailed Certificate of Compliance

BON DE TRAVAIL order	CHARGEMENT load		
181923	1		

CLIENT / customer 215
DART AEROSPACE
1270 ABERDEEN
HAWKESBURY

ON K6A 1K7

LIVRÉ À / shipped to: DART AEROSPACE 1270 ABERDEEN HAWKESBURY

ON K6A 1K7

COMMAN	1	1	1	DE LIVRAISON E		MATÉF		CODE DE T	· · · · · · · · · · · · · · · · · · ·		DE LOT
cus	-	· · · · · · · · · · · · · · · · · · ·		customer shipp	er no			mat'l he	at code~	lot nu	ımber
PC	218	602		· · · -		A2					
	SPÉCIFICATIONS DU PROCÉDÉ processing specifications										
VAC HARD	EN		processing specifications								
HARDEN A	ND	TEMPE	R								
EXIGENCE	/ re	guireme	nt SPÉC	IFICATIONS	/ specified	TESTS EX	ÉCUTÉS /	performed	RÉSULTA	TS DE TES	TS / results
HARDNES	s		58 - 6	2 HRC			8		59.0 - 60.0	HRC	
QUANTITÉ quantity	-	PO we	IDS ight	DESCRIPTIC parts descripti	ON DES Pl	ÈCES					
	30	- Tember and Specimens		646.3314 BL (10) BLADES REFERENCE (10) 646.331 REFERENCE (10) 646.331 REFERENCE	5 BLADES E: 92895 6 BLADES 6 BLADES E: 92896)	ON				
Operation	Temp Spec	. spécifiée ified Temp	Temps de tremp Spécifié Specified Soal Temp	/ \tan\cop\c.c	Carbone Carbon Potential	Q-Media Q-Temp	Four # Furnace #	1	Heure d'entrée Time In	Heure de sortie Time Out	Date Complétée Date complete
1.00 CONT. INIT.	1	VAGE		si nécessaire							
2.00 PREPARING	CON	/IPTAGE									
3.00 PREHEAT 1		1200	0:30	VAC	·	·	390		·		·
4.00 PREHEAT 2		1500	0:30	VAC			390				
5.00 VAC HARDE		1800	1 hrs 30 minutes	VAC		AZOTE	390				

METCOR INC. 560 BOUL. ARTHUR-SAUVÉ ST-EUSTACHE, QC, J7R 5A8

Tel: 450-473-1884 / Fax: 450-491-5498

Certificat de Conformité Détaillé

Detailed Certificate of Compliance

BON DE TRAVAIL order	CHARGEMENT load
181923	1

CLIENT / customer 215
DART AEROSPACE
1270 ABERDEEN

HAWKESBURY

ON K6A 1K7

LIVRÉ À / shipped to: DART AEROSPACE 1270 ABERDEEN HAWKESBURY

ON K6A 1K7

Operation	Ten Sp	np. spécifiée ecified Temp	Temps de trempe Spécifié Specified Soak Temp	Atmosphere	Carbone Carbon Potential	Q-Media Q-Temp	Four # Furnace #	Date Départ Start Date	Heure d'entrée Time In	Heure de sortie Time Out	Date Complétée Date complete
6.00 TEMPER		400°F	2 hrs	air			655				
7.00 TEMPER 2		400°F	2 hrs	air			655		·		·
8.00 HARDN INS							·				
9.00 FINAL INSP	T							12-13-2012			12-13-2012

COMMENTAIRES / comments

Le traitement thermique a été fait en utilisant des équipements en conformité avec la spécification demandée.

Toutes les opérations de traitement thermique ont été faites en conformité avec les requis de la spécification demandée et toutes les vérifications et les tests demandées ont été faites et documentés.

Aucun changement ou dérogation n'a été faite par rapport au traitement thermique demandé.

On certifie que le matériel a été fabriqué, échantillonné, testé et inspecté en accord avec les spécifications du matériel et le bon de commande et le matériel rencontre les exigences spécifiés.

All the heat treatment processing performed on this order was accomplished using heat treatment equipment compliant with the requested heat treatment specification.

All the heat treatment operations were accomplished in accordance with the requested/required heat treatment specification and all required verifications test have been performed and documented.

No unauthorized changes or deviations to required heat treatment specifications or procedures have been performed. We certify that the material was manufactured, sampled, tested and inspected in accordance with the material specification and the purchase order and was found to meet the requirements.

APPROUVE par / Approved by:	Jacket Olor	DATE: 2012-12-13
	(METCOR)	

/ Nous certifiers que toute l'information comprise sur ce rapport est exacte et conforme aux requis du client./We certify that all the information on this report is exact and in accordance with the order requirements.

F-000-20 REV.B